

Product datasheet for **TA306305**

HRK Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 2.5 - 5 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	HRK antibody was raised against a 15 amino acid peptide from near the center of human Hrk.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	harakiri, BCL2 interacting protein
Database Link:	NP_003797 Entrez Gene 12123 Mouse Entrez Gene 8739 Human O00198

Background: Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Hrk, a pro-apoptotic member of the Bcl-2 homology domain-3 (BH3)-only group of the Bcl-2 family of proteins, was also identified as novel protein induced during programmed neuronal death. It lacks significant homology to other Bcl-2 family members except for an 8-amino acid region that is similar to the BH3 motif of Bik. Hrk regulates apoptosis through interaction with the anti-apoptotic proteins Bcl-2 and Bcl-XL via this domain. It does not interact with the pro-apoptotic proteins Bax, Bak, or Bcl-XS. Hrk localizes to mitochondrial membranes in a pattern similar to that previously reported for Bcl-2 and Bcl-XL. Despite its predicted molecular weight, Hrk often migrates at 12-15 kDa.

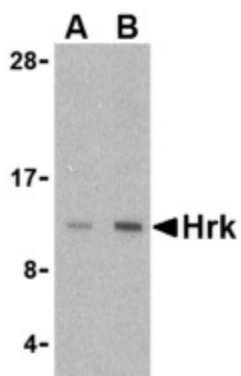


[View online »](#)

Synonyms: DP5; HAKIRI

Protein Families: Druggable Genome, Transmembrane

Product images:



Western blot analysis of HrK in mouse pancreas tissue lysate with HrK antibody at (A) 2.5 and (B) 5 ug/ml.